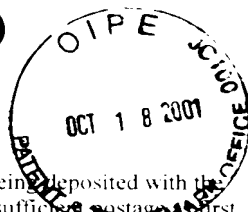


Docket No. 24012-3

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage for first class mail in a box addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on October 10, 2001.

Stephanie Berlepsch
Stephanie Berlepsch



277?
PATENT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Albert D. Edgar and Steven C. Penn

Serial No.: 09/702,388 : Group Art Unit: 2878

Filed: October 31, 2000 : Examiner:

For: **METHOD AND APPARATUS FOR SCANNING IMAGES**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98 Applicant herewith submits certain patent references which the Patent & Trademark Office may wish to consider in examining the above-identified application. The references are listed on the attached Form PTO-1449.

Copies of the listed references are also provided. No representation is made or intended that a prior art search has been made or that no better art than that listed is available.

Please charge any fees required, or credit any overpayment, to Deposit Account No. 04-1133.

Respectfully submitted,

By

Martin J. Miller
Martin J. Miller
Registration No. 35,963
Attorney for Applicant(s)
DINSMORE & SHOHL LLP
1900 Chemed Center
255 East Fifth Street
Cincinnati, OH 45202
(513) 977-8565

FORM PTO-1449

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24012-3

SERIAL NO. 09/702.388

LIST OF PATENTS AND PUBLICATIONS

APPLICANT

Albert D. Edgar and Steven C. Penn

FOR APPLICANT'S INFORMATION

FILING DATE

October 31, 2000

GROUP

2878

DISCLOSURE STATEMENT

TIT: Method and Apparatus for Scanning Images

(Supplemental)

OCT 1 8 2001

UNITED STATES LETTERS PATENT

		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
		4	2	6	0	8	9	9	Apr. 7, 1981	Baker	250	563
		4	3	0	1	4	6	9	Nov. 17, 1981	Modeen et al.	358	75
		4	3	0	2	1	0	8	Nov. 24, 1981	Timson	356	359
		4	4	6	2	8	6	0	Jul. 31, 1984	Szmanda	156	626
		4	6	7	0	7	7	9	Jun. 2, 1987	Nagano	358	75
		4	6	7	7	4	6	5	Jun. 30, 1987	Alkofer	358	80
		4	6	8	0	6	3	8	Jul. 14, 1987	Childs	358	214
		4	7	0	0	2	2	9	Oct. 13, 1987	Herrmann et al.	358	166
		4	7	7	5	2	3	8	Oct. 4, 1988	Weber	356	431
		4	7	9	6	0	6	1	Jan. 3, 1989	Ikeda et al.	355	73
		4	8	4	5	5	5	1	Jul. 4, 1989	Matsumoto	358	80
		4	9	3	3	5	6	6	Jun. 12, 1990	Masaaki et al.	250	563
		4	9	3	7	7	2	0	Jun. 26, 1990	Kirchberg	363	41
		4	9	6	9	0	4	5	Nov. 6, 1990	Haruki et al.	358	228
		4	9	7	2	0	9	1	Nov. 20, 1990	Cielo et al.	250	562
		4	9	8	9	9	7	3	Feb. 5, 1991	Noso et al.	356	239
		4	9	9	4	9	1	8	Feb. 19, 1991	Lingemann	358	214
		5	0	0	3	3	7	9	Mar. 26, 1991	Moore, Jr. et al.	358	54
		5	0	1	0	4	0	1	Apr. 23, 1991	Murakami et al.	358	136

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS
		WO 84/02019							May 25, 1984	PCT	G06F	15/20
		WO 89/06890							Jul. 27, 1989	PCT	H04N	3/36
		WO 90/01240							Feb. 8, 1990	PCT	H04N	1/40
		WO 91/09493							Jun. 27, 1991	PCT	H04N	5/127
		WO 92/05469							Apr. 2, 1992	PCT	G03B	27/53
		WO 95/15530							Jun. 8, 1995	PCT	G06F	17/14
		WO 97/16028							May 1, 1997	PCT	H04N	7/30

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

		<i>New Adaptive Vector Filter Based on Noise Estimate</i> , Mei Yu, et al., IEICE Trans Fundamentals, Vol. E82, No. 6, June, 1999.										
		<i>A Robust Method for Parameter Estimation of Signal-Dependent Noise Models in Digital Images</i> , B. Aiazzi, et al., IEEE, 1997, pp. DSP 97 - 601-604.										
		<i>A Regularized Iterative Image Restoration Algorithm</i> , Aggelos K. Katsaggelos, et al., IEEE, 1991, pp. 914-929.										
		<i>Adaptive Fourier Threshold Filtering: A Method to Reduce Noise and Incoherent Artifacts in High Resolution Cardiac Images</i> , M. Doyle, et al., 8306 Magnetic Resonance in Medicine, May, 31, 1994, No. 5, Baltimore, MD., pp. 546-550										
		<i>Anisotropic Spectral Magnitude Estimation Filters for Noise Reduction and Image Enhancement</i> , Til Aach, et al., IEEE, 1996, pp. 335-338.										
		<i>Adaptive-neighborhood filtering of images corrupted by signal-dependent noise</i> , Rangaraj M. Rangayyan et al., Applied Optics, Vol. 37, No. 20, July 10, 1998, pp. 4477-4487.										

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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LIST OF PATENTS AND PUBLICATIONS

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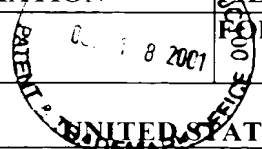
October 31, 2000

GROUP

2878

DISCLOSURE STATEMENT
(Supplemental)

FOR: Method and Apparatus for Scanning Images



UNITED STATES LETTERS PATENT

		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
		5	0	4	7	9	6	8	Sep. 10, 1991	Carrington et al.	364	574
		5	0	5	8	9	8	2	Oct. 22, 1991	Katzir	385	33
		5	0	9	1	9	7	2	Feb. 25, 1992	Kwon et al.	382	54
		5	0	9	7	5	2	1	Mar. 17, 1992	Massmann	382	54
		5	1	4	9	9	6	0	Sep. 22, 1992	Dunne et al.	250	226
		5	1	5	5	5	9	6	Oct. 13, 1992	Kurtz et al.	358	214
		5	2	0	0	8	1	7	Apr. 6, 1993	Birnbaum	358	80
		5	2	9	1	2	8	6	Mar. 1, 1994	Murakami et al.	348	469
		5	2	6	7	0	3	0	Nov. 30, 1993	Giorgianni et al.	358	527
		5	3	1	1	3	1	0	May 10, 1994	Jozawa et al.	348	416
		5	3	3	5	0	8	6	Aug. 2, 1994	Kitamura	358	431
		5	3	7	1	5	4	2	Dec. 6, 1994	Pauli et al.	348	262
		5	4	4	7	8	1	1	Sep. 5, 1995	Buhr et al.	430	20
		5	4	4	8	3	8	0	Sep. 5, 1995	Park	358	520
		5	4	5	2	0	1	8	Sep. 19, 1995	Capitant et al.	348	651
		5	4	6	5	1	5	5	Nov. 7, 1995	Edgar	385	500
		5	4	6	5	1	6	3	Nov. 7, 1995	Yoshihara et al.	358	444
		5	4	7	7	3	4	5	Dec. 19, 1995	Tse	358	500
		5	5	0	9	0	8	6	Apr. 16, 1996	Edgar et al.	382	167
		5	5	1	6	6	0	8	May 14, 1996	Hobbs et al.	430	30

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS
		WO 98/31142							Jul. 16, 1998	PCT	H04N	5/253
		WO 98/34397							Aug. 6, 1998	PCT	H04N	
		WO 99/40729							Aug. 12, 1999	PCT	H04N	9/11
		WO 01/48694							Jul. 5, 2001	PCT	G06T	5/00
		GB 2 283 633 A							May 10, 1995	United Kingdom	H04N	5/262
		DE 28 21 868 A1							Nov. 22, 1979	Germany	G01N	21/32
		DE 196 36 867 C1							Jan. 2, 1998	Germany	H04N	5/21

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

		<i>Grayscale Characteristics</i> , Photographic Negatives The Nature of Color Images, pp. 163-168.										
		<i>Digital Imaging Equipment White Papers</i> , Putting Damaged Film on Ice, A Technical Discussion of Advances in Digital Imaging, Nikon Corporation. http://www.nikonusa.com/reference/whitepapers_imaging/ditechdisc.html , Aug. 5, 1999.										
		<i>Local Cosine Transform - A Method for the Reduction of the Blocking Effect in JPEG</i> , Gil Aharoni, et al., Journal of Mathematical Imaging and Vision, 3, 7-38, 1993.										
		<i>Digital ICE</i> , Applied Science Fiction, Inc., http://www.asf.com/html/o_products/iceprod.html , Aug. 5, 1999.										
		<i>About Digital ICE Technology</i> , Applied Science Fiction, Inc., http://www.asf.com/html/o_products/icetech.html , Aug. 5, 1999.										
		<i>2-D Adaptive Volterra Filter for 2-D Nonlinear Channel Equalisation and Image Restoration</i> , J.N. Lin, et al., Electronic Letters, Vol. 28, No. 2, Jan. 16, 1992, pp 180-182.										

EXAMINER

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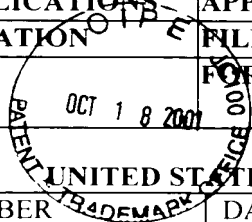
October 31, 2000

GROUP

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DISCLOSURE STATEMENT
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FOR: Method and Apparatus for Scanning Images



UNITED STATES LETTERS PATENT

		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
		5	5	5	2	9	0	4	Sep. 3, 1996	Ryoo et al.	358	518
		5	5	6	1	6	1	1	Oct. 1, 1996	Avinash	364	553
		5	5	6	5	9	3	1	Oct. 15, 1996	Girod	348	675
		5	5	6	8	2	7	0	Oct. 22, 1996	Endo	358	298
		5	5	8	1	3	7	6	Dec. 3, 1996	Harrington	358	518
		5	5	8	2	9	6	1	Dec. 10, 1996	Giorgianni et al.	430	508
		5	5	8	3	9	5	0	Dec. 10, 1996	Prokoski	382	212
		5	5	8	9	8	8	7	Dec. 31, 1996	Wischermann	348	616
		5	6	0	8	5	4	7	Mar. 4, 1997	Nakatani et al.	358	505
		5	6	4	1	5	9	6	Jun 24, 1997	Gray et al.	430	21
		5	6	6	6	4	4	3	Sep. 9, 1997	Kumashiro	382	266
		5	6	7	3	3	3	6	Sep. 30, 1997	Edgar et al.	382	167
		5	7	2	1	6	2	4	Feb. 24, 1998	Kumashiro et al.	358	450
		5	7	6	2	7	7	3	Mar. 10, 1998	Mehlo et al.	358	474
		5	7	2	9	6	3	1	Mar. 17, 1998	Wober et al.	382	232
		5	7	7	1	1	0	7	Jun. 23, 1998	Fujimoto et al.	358	464
		5	8	0	8	6	7	4	Sep. 15, 1998	Adams, Jr. et al.	348	273
		5	8	9	2	5	9	5	Apr. 6, 1999	Yamakawa et al.	358	530
		5	9	3	0	3	8	8	Jul. 27, 1999	Murakami et al.	382	167

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS
		EP 1 547 811							Jun. 27, 1979	Europe	H04N	3/36
		EP 0 422 220 A1							Apr. 17, 1991	Europe	A61B	6/03
		EP 0 482 790 B1							Apr. 29, 1992	Europe	H04N	1/40
		EP 0 527 097 A2							Feb. 10, 1993	Europe	H04N	1/40
		EP 0 569 142 A1							Nov. 10, 1993	Europe	H04N	5/253
		EP 0 624 848 A2							Nov. 17, 1994	Europe	G06F	15/68
		EP 0 699 753 A2							Aug. 30, 1995	Europe	H04N	1/407
		EP 0 716 538 A2							Jun. 12, 1996	Europe	H04N	1/50
		EP 0 751 670 A2							Jan. 2, 1997	Europe	H04N	1/10
		EP 0 768 621 A2							Apr. 16, 1997	Europe	G06T	5/20
		EP 0 794 454 A2							Sep. 10, 1997	Europe	G03B	27/73
		EP 0 816 833 A2							Jan. 7, 1998	Europe	G01N	21/88
		EP 0 816 833 A3							Aug. 26, 1998	Europe	G01N	21/88
		EP 0 893 914 A2							Jan. 27, 1999	Europe	H04N	5/253

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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TITLE: Method and Apparatus for Scanning Images

(Supplemental)

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		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
		5	9	6	3	6	6	2	Oct. 5, 1999	Vachtsevanos et al.	382	150
		5	9	6	9	3	7	2	Oct. 19, 1999	Stavely et al.	250	559.42
		5	9	8	2	9	4	1	Nov. 9, 1999	Loveridge et al.	382	260
		5	9	8	2	9	5	1	Nov. 9, 1999	Katayama et al.	382	284
		5	9	6	9	3	7	2	Oct. 19, 1999	Stavely et al.	250	559.42
		5	9	7	9	0	1	1	Nov. 9, 1999	Mivawaki et al.	15	308
		5	9	9	1	4	4	4	Nov. 23, 1999	Burt et al.	382	232
		6	0	0	5	9	8	7	Dec. 21, 1999	Nakamura et al.	382	294
		6	0	5	7	0	4	0	May 2, 2000	Hage	428	447
		6	0	7	5	9	0	5	Jun. 13, 2000	Herman et al.	382	284
		6	0	7	8	0	5	1	Jun. 20, 2000	Banton et al.	250	341.1
		6	0	7	8	7	0	1	Jun. 20, 2000	Hsu et al.	382	294
		6	1	0	1	2	7	3	Aug. 8, 2000	Matama	382	169
		6	1	2	8	4	1	6	Oct. 3, 2000	Oura	382	284
		6	2	3	9	8	8	6	May 29, 2001	Klasser et al.	358	518

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS
		JP 11185028							Jul. 9, 1999	Japan	G06T	1/00
		JP 4-291139							Oct. 15, 1992	Japan	G01N	21/89
		JP 2000-13604							Jan. 14, 2000	Japan	H04N	1/409
		JP 2000-196813A							Jul. 14, 2000	Japan	H04N	1/4

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